Listing of Claims

1-7 (Canceled).

8. (Previously Presented) An electronic device comprises:

a first radiation-emitting element lying within a pixel; and

a first radiation-sensing element for sensing radiation emitted from the first radiation-emitting element, wherein:

the first radiation-sensing element lies outside the pixel;

the radiation-sensing element is part of a calibrating system; and

the radiation-sensing element is not part of a radiation-emitting circuit; and the radiation-sensing element is located outside the projected area containing the radiation-emitting element.

9. (Original) The electronic device of claim 8, wherein the first radiation-sensing element lies at a location selected from:

between the first radiation-emitting element and the user side of the electronic device; and

farther from the user side of the electronic device compared to the first radiation-emitting element.

10. (Original) The electronic device of claim 8, further comprising a waveguide, wherein the waveguide optically couples the first radiation-emitting element to the first radiation-sensing element.

11. (Original) The electronic device of claim 10, wherein the waveguide lies at a location selected from:

between the first radiation-emitting element and the user side of the electronic device; and

farther from the user side of the electronic device compared to the first radiation-emitting element.

12. (Original) The electronic device of claim 10, wherein:

the electronic device includes a plurality of radiation-emitting elements, including the first radiation-emitting element, within an array;

the array has an array edge;

the waveguide has a waveguide edge adjacent to the array edge; and

the first radiation-sensing element is connected to the waveguide edge.

13. (Original) The electronic device of claim 10, wherein:

the electronic device includes a plurality of radiation-emitting elements, including the first radiation-emitting element, within an array;

the array has array edges;

the waveguide has waveguide edges adjacent to the array edges; and

a plurality of radiation-sensing elements, including the first radiation-sensing element, is connected to the waveguide edges.

14. (Original) The electronic device of claim 8, wherein the first radiation-emitting element is not electrically connected to the first radiation-sensing element.

15. (Original) The electronic device of claim 8, wherein the first radiation-emitting element is not electrically coupled to the first radiation-sensing element.

16. (Previously Presented) An electronic device comprises:

a first radiation-emitting element;

a waveguide; and

a first radiation-sensing element, wherein:

the waveguide optically couples the first radiation-emitting element to the first radiation-sensing element;

the radiation-sensing element is not part of a radiation-emitting circuit; and

the radiation-sensing element is part of a calibrating system; and the radiation-sensing element is located outside the projected area containing the radiation-emitting element.

17. (Original) The electronic device of claim 16, wherein the waveguide lies at a location selected from:

between the first radiation-sensing element and the user side of the electronic device; and

farther from the user side of the electronic device compared to the first radiation-sensing element.

18. (Original) The electronic device of claim 16, wherein:

the electronic device includes a plurality of radiation-emitting elements, including the first radiation-emitting element, within an array;

the array has an array edge;

the waveguide has a waveguide edge adjacent to the array edge; and

the first radiation-sensing element is connected to the waveguide edge.

19. (Original) The electronic device of claim 16, wherein:

the electronic device includes a plurality of radiation-emitting elements, including the first radiation-emitting element, within an array;

the array has array edges;

the waveguide has waveguide edges adjacent to the array edges; and

a plurality of radiation-sensing elements, including the first radiation-sensing element, is connected to the waveguide edges.

20. (Original) The electronic device of claim 16, wherein the first radiation-emitting element comprises a transparent anode and a transparent cathode.

21 – 36 (Canceled).